THAT WHICH IS CLAIMED IS:

1. A compound according to Formula I:

wherein:

R₁, R₂, R₃ and R₄ are each independently selected from the group consisting of H, alkyl, alkoxy, halide, and alkylhalide groups;

R₅ is H, alkyl or aryl;

R₆ is H, alkyl, aryl, or NR₇R₈, wherein R₇ and R₈ are each independently selected from the group consisting of H, alkyl and aryl; and

X is O, S or NR₉, wherein R₉ is H or alkyl.

- 2. The compound according to Claim 1, wherein R_1 and R_2 are each an H.
- 3. The compound according to Claim 1, wherein R_1 and R_2 are each an H and R_3 and R_4 are each lower alkyls.
 - 4. The compound according to Claim 1, wherein R₃ and R₄ are each a halide.
 - 5. The compound according to Claim 1, wherein R₃ and R₄ are each alkoxy.
- 6. The compound according to Claim 1, wherein R_3 and R_4 are each alkyl halides.
- 7. The compound according to Claim 1, wherein R_5 is an H, R_6 is a NR_7R_8 , and R_7 and R_8 are each an H.
 - 8. The compound according to Claim 1, wherein R_6 is a pyridyl.

- 9. The compound according to Claim 1, wherein R₆ is a substituted pyridyl.
- 10. The compound according to Claim 1, wherein R₆ is a quinolinyl.
- 11. A pharmaceutical composition comprising a compound according to Formula I:

$$R_{6}$$
 R_{1}
 R_{2}
 R_{2}
 R_{3}
 R_{4}
 R_{6}
 R_{6}
 R_{6}
 R_{6}
 R_{6}
 R_{6}

wherein:

R₁, R₂, R₃ and R₄ are each independently selected from the group consisting of H, alkyl, alkoxy, halide, and alkylhalide groups;

R₅ is H, alkyl or aryl;

R₆ is H, alkyl, aryl, or NR₇R₈, wherein R₇ and R₈ are each independently selected from the group consisting of H, alkyl and aryl; and

X is O, S or NR₉, wherein R₉ is H or alky;

in a pharmaceutically acceptable carrier.

- 12. The pharmaceutical composition of Claim 11, wherein the composition is formulated for parenteral administration.
- 13. The pharmaceutical composition of Claim 11, wherein the composition is formulated for oral administration.
- 14. The pharmaceutical composition of Claim 11, wherein the composition is formulated for topical administration.
- 15. A process for preparing a pharmaceutical composition comprising formulating the compound of the formula (I) according to claim 1 and optionally a pharmaceutically utilizable carrier.

16. A method of treating an microbial infection in a subject in need of such treatment, wherein the microbial infection is caused by a microorganism selected from the group consisting of Mycobacterium tuberculosis, Trypanosoma spp., Candida albicans, Aspergillus spp., Cryptosporidium parvum, Giardia lamblia, Plasmodium spp., Pneumocystis carinii, Toxoplasma gondii, Fusarium solani, and Cryptococcus neoformans, said method comprising administering to the subject a compound according to Formula I or a pharmaceutically acceptable salt thereof:

$$R_{6}$$
 R_{1}
 R_{2}
 R_{2}
 R_{5}
 R_{6}
 R_{3}
 R_{4}
 R_{6}
 R_{6}
 R_{6}
 R_{6}

wherein:

wherein R₁, R₂, R₃ and R₄ are each independently selected from the group consisting of H, alkyl, alkoxy, halide, and alkylhalide groups;

R₅ is H, alkyl or aryl;

 R_6 is H, alkyl, aryl, or NR_7R_8 , wherein R_7 and R_8 are each independently selected from the group consisting of H, alkyl and aryl; and

X is O, S or NR₉, wherein R₉ is H or alkyl.

- 17. The method according to Claim 16, wherein the compound is administered parenterally.
- 18. The method according to Claim 16, wherein the compound is administered orally.
- 19. The method according to Claim 16, wherein the compound is administered topically.